



Gulf of Mexico Harmful Algal Bloom Bulletin

24 August 2006

NOAA Ocean Service

NOAA Satellites and Information Service

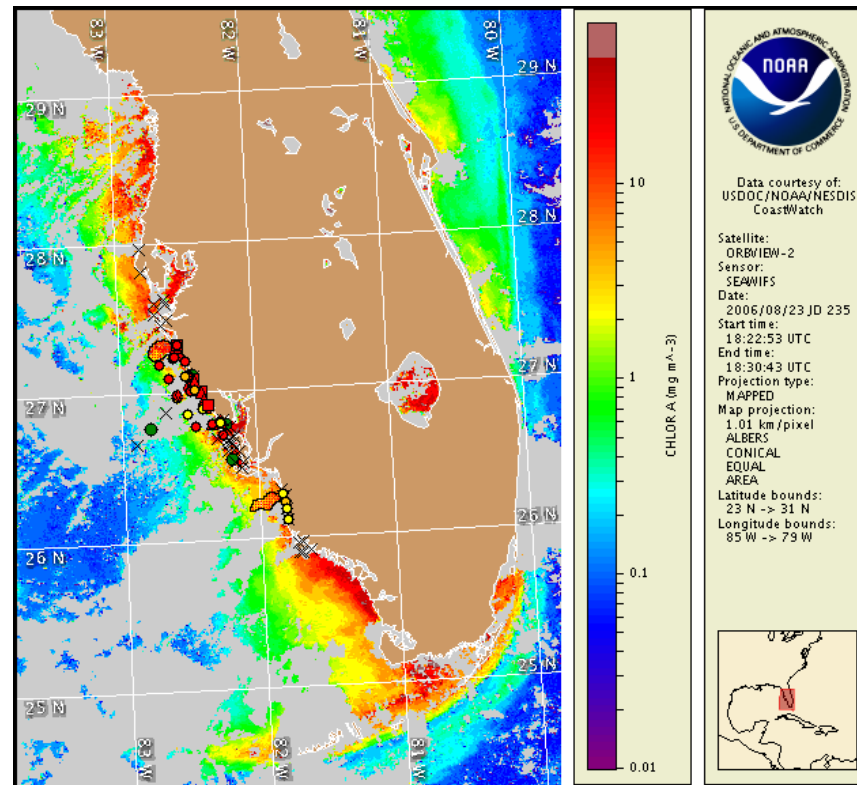
Last bulletin: August 24, 2006

Conditions Report

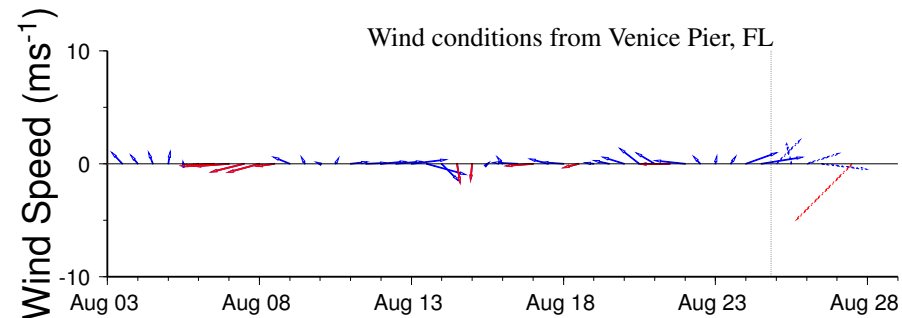
A harmful algal bloom has been identified from central Manatee to northern Collier County. Patchy high impacts are possible from central Manatee to Charlotte County today through Saturday, with patchy low impacts possible Saturday night through Sunday. Patchy low impacts are possible for Lee County with patchy moderate impacts possible in northern Collier County today through Saturday. Patchy very low impacts are possible in both Lee and northern Collier Counties Saturday night through Sunday.

Analysis

** Note this is an addendum to the previous bulletin #53. The bloom extends from central Manatee to northern Collier County. High concentrations of *K. brevis* have been reported in central Manatee County at Cortez Bridge and Anna Maria Island (FWRI; 8/22). Please note the revisions in the Conditions report.



Satellite chlorophyll image with possible HAB areas shown by red polygon(s). Cell concentration sampling data from August 14-17 shown as red squares (high), red triangles (medium), red diamonds (low b), red circles (low a), orange circles (very low b), yellow circles (very low a), green circles (present), and black "X" (not present).

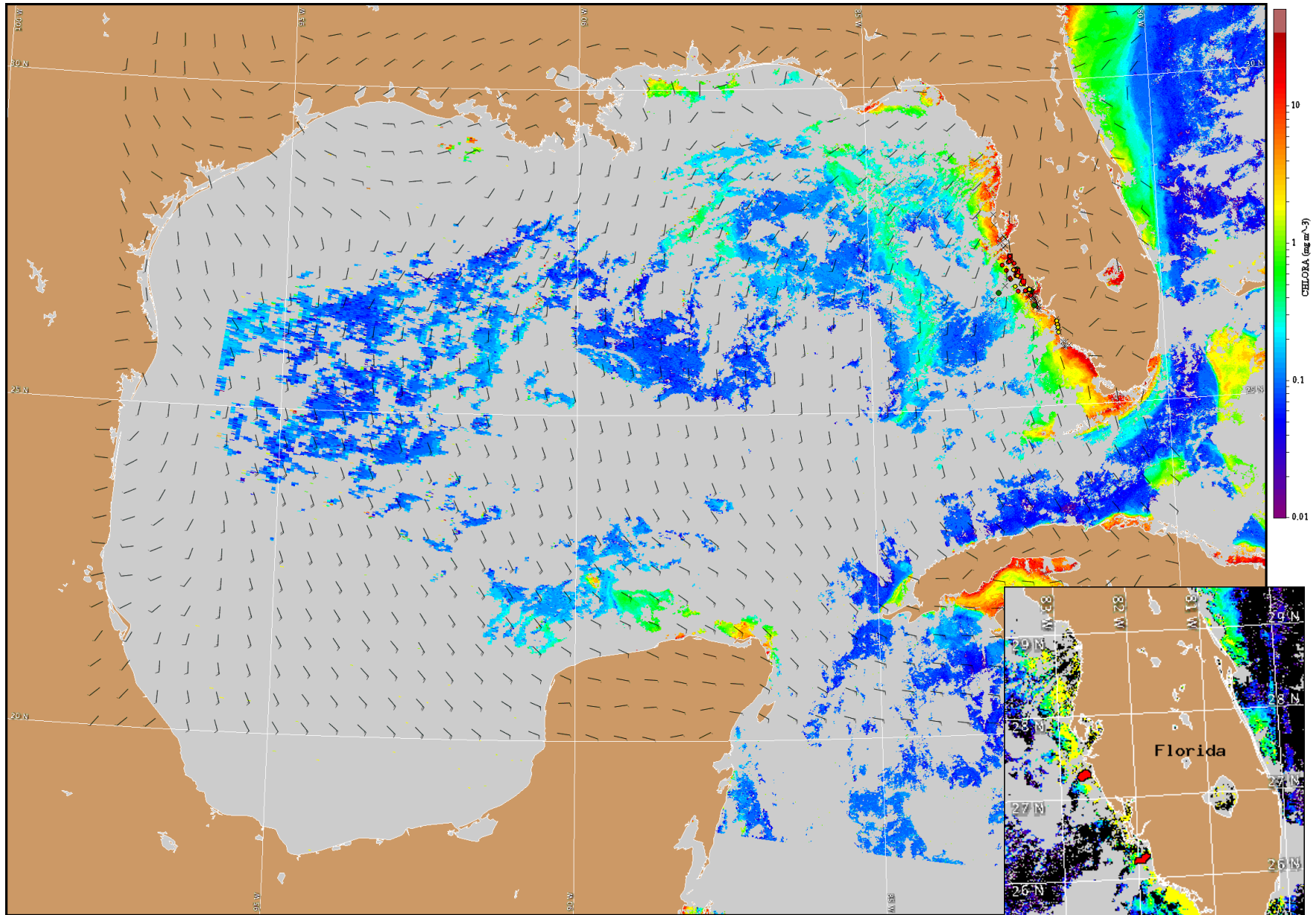


Wind speed and direction are averaged over 12 hours from buoy measurements. Length of line indicates speed; angle indicates direction. Red indicates that the wind direction favors upwelling near the coast. Values to the left of the dotted vertical line are measured values; values to the right are forecasts.

SW Florida: Westerly winds this afternoon followed by southerly winds tonight (5-10 knots; 3-5 m/s). Westerly winds on Friday (5 knots; 3m/s). Northwestern winds on Saturday, followed by southeasterly winds on Saturday night (5-10 knots; 3-5 m/s) and easterly winds on Sunday (5-10 knots; 3-5 m/s).

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1. Data are restricted to civil marine applications only; i.e. federal, state, and local government use/distribution is permitted.
2. Image products may be published in newspapers. Any other publishing arrangements must receive OrbImage approval via the CoastWatch Program.



Satellite chlorophyll image and forecast winds for August 25, 2006 12Z with cell concentration sampling data from August 14-17 shown as red squares (high), red triangles (medium), red diamonds (low b), red circles (low a), orange circles (very low b), yellow circles (very low a), green circles (present), and black "X" (not present).

Verified HAB areas shown in red. Other bloom areas shown in yellow (see p. 1 analysis for interpretation).

